I. Listing of Claims

1. (Previously Presented) A vehicle temperature control system, comprising:

a housing having an intake opening for air intake and an output opening for output air;

an evaporator core disposed in the housing and in fluid communication with the intake opening, the evaporator core having an input face and an output face;

a heater core disposed in the housing downstream from the evaporator core and in fluid communication with the evaporator core, defining a space between the evaporator core and the heater core, the heater core having a first portion and a second portion, the second portion of the heater core being closer to the output opening than the first portion of the heater core, the heater core having an input face and an output face, the output face being located closer to the evaporator core than the input face;

a separation wall having a first end and a second end, the first end being attached to the first portion of the heater core and extending therefrom along the length of the heater core in the space between the evaporator core and the heater core towards the output opening;

wherein the output face of the evaporator core substantially faces the output face of the heater core;

wherein the length of the evaporator core defines a first plane and the length of the heater core defines a second plane; and

wherein the first plane and second plane are substantively parallel.

2. (Previously Presented) The system of claim 1, wherein the separation wall defines a flow channel from the evaporator core to the input face of the heater core.

3. (Original) The system of claim 1 wherein the evaporator core and the heater core are in side by side relationship.

4. (Original) The system of claim 1 wherein the evaporator core has an input side and an output side, the input side being adjacent to the intake opening and the output side being adjacent to the separation wall.

5. (Previously Presented) The system of claim 4 further comprising a blower disposed in the housing and upstream from the evaporator core for introducing air into the input side of the evaporator core.

6. (Original) The system of claim 1 wherein the housing is a drain area adjacent to the evaporator core for condensation and a drain hole formed through the housing for condensation drainage.

7. (Original) The system of claim 1 wherein the separation wall isolates a cold air portion and a hot air portion of the space between the evaporator core

and the heater core, the cold air portion being adjacent to evaporator core and the hot air portion being adjacent to the heater core.

8. (Previously Presented) The system of claim 7, wherein the separation wall defines a mixing channel for mixing cold air and hot air, the mixing channel being downstream and in fluid communication with the evaporator core and the heater core.

9. (Cancelled)

10. (Cancelled)

11. (Original) The system of claim 8 wherein the mixing channel is a first mixing channel and the separation wall is a first separation wall.

12. (Original) The system of claim 11, wherein the second portion of the heater core is spaced apart from the housing forming a hot air entrance.

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)